

FIG.1

2/18

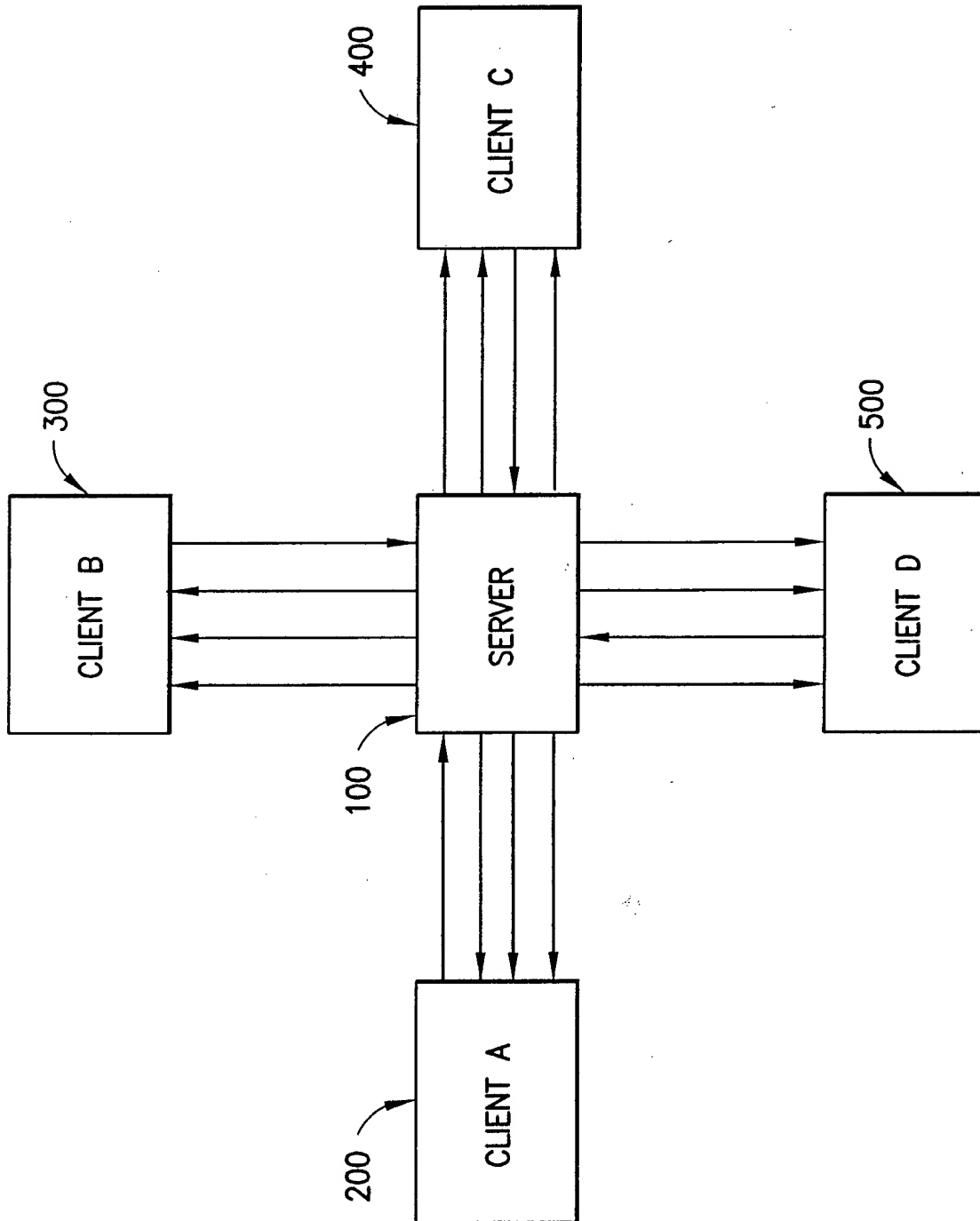
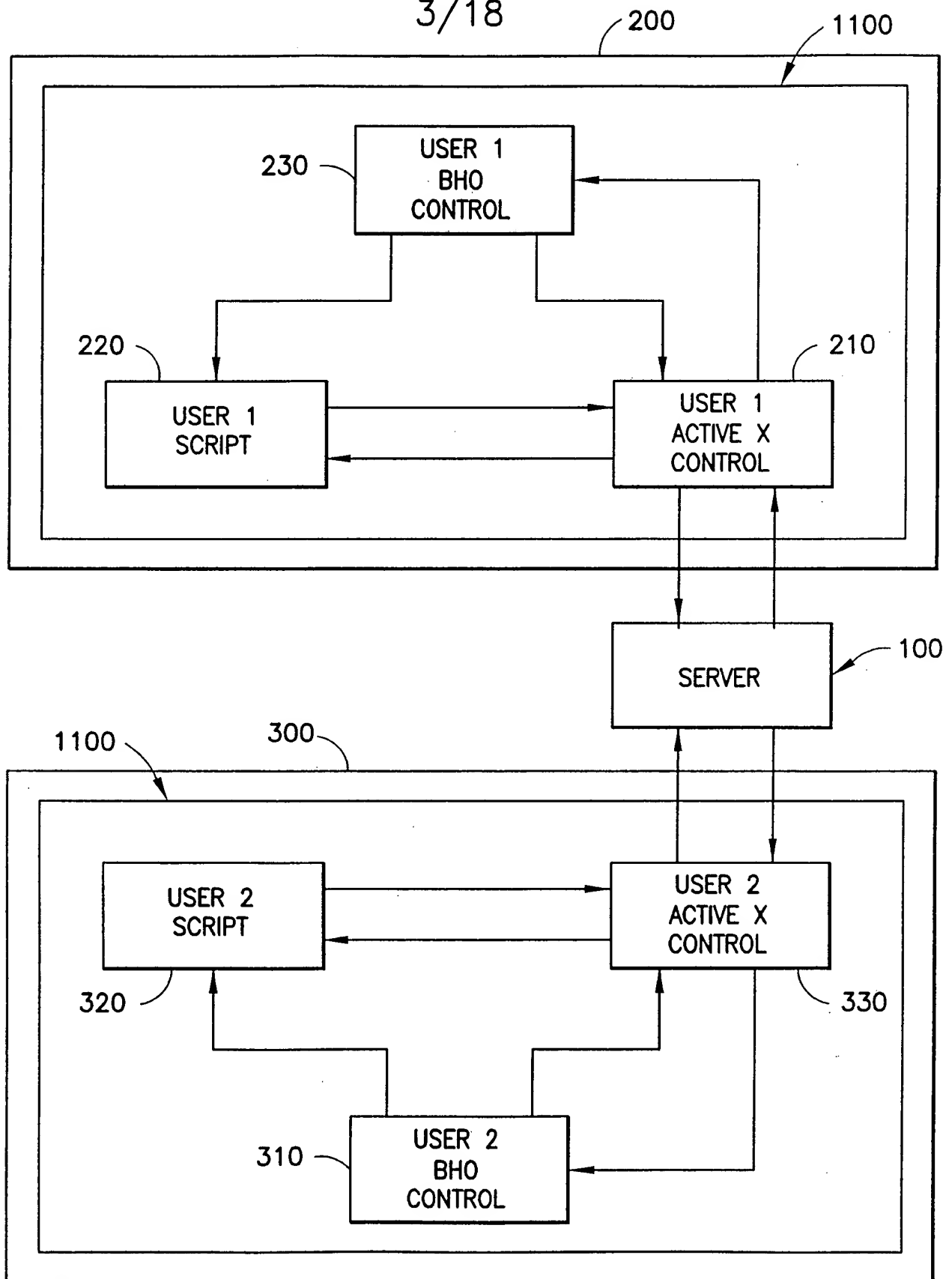


FIG.2

3/18



→ DATA FLOW

FIG.3

4/18

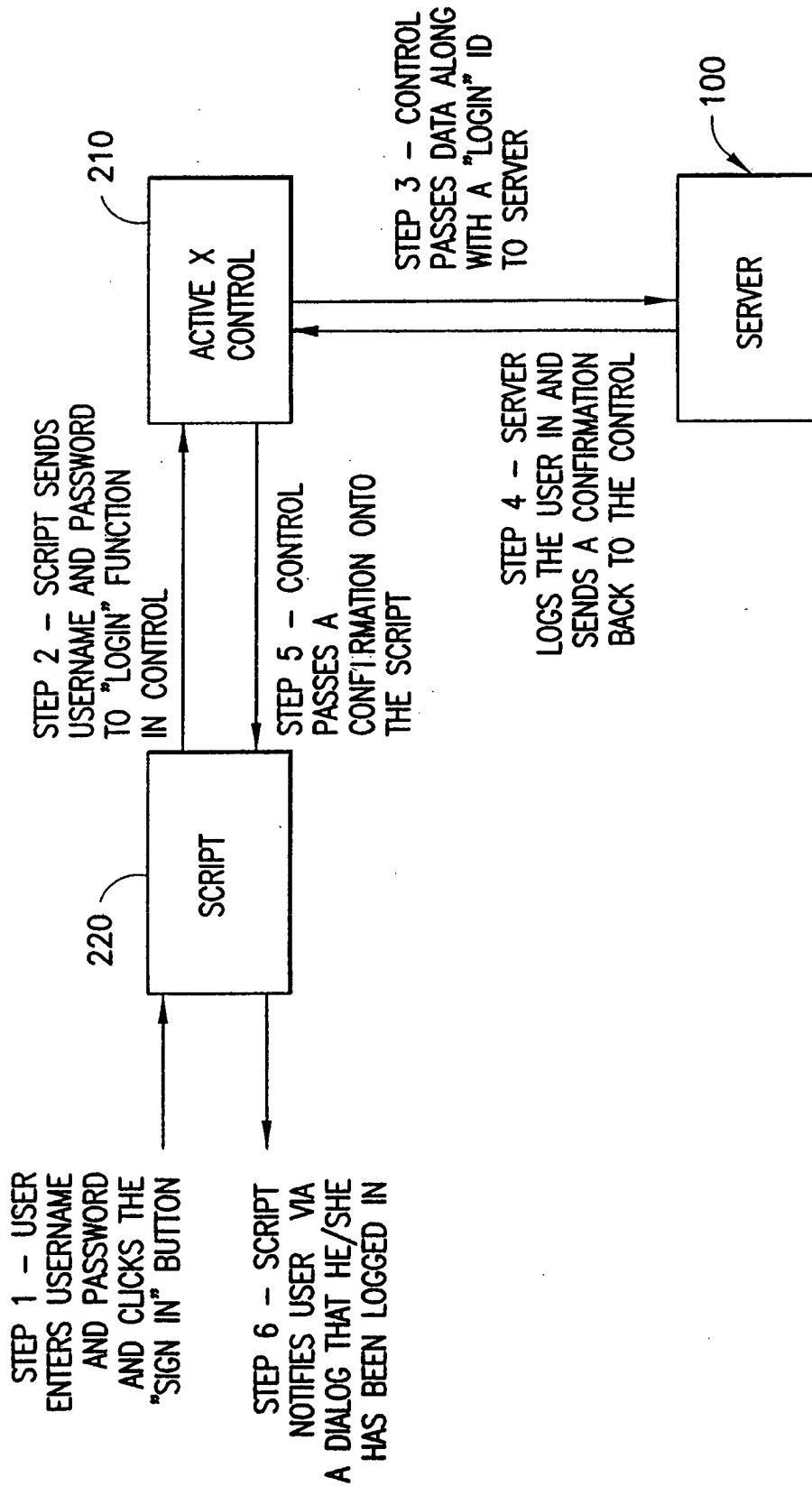


FIG.4

5/18

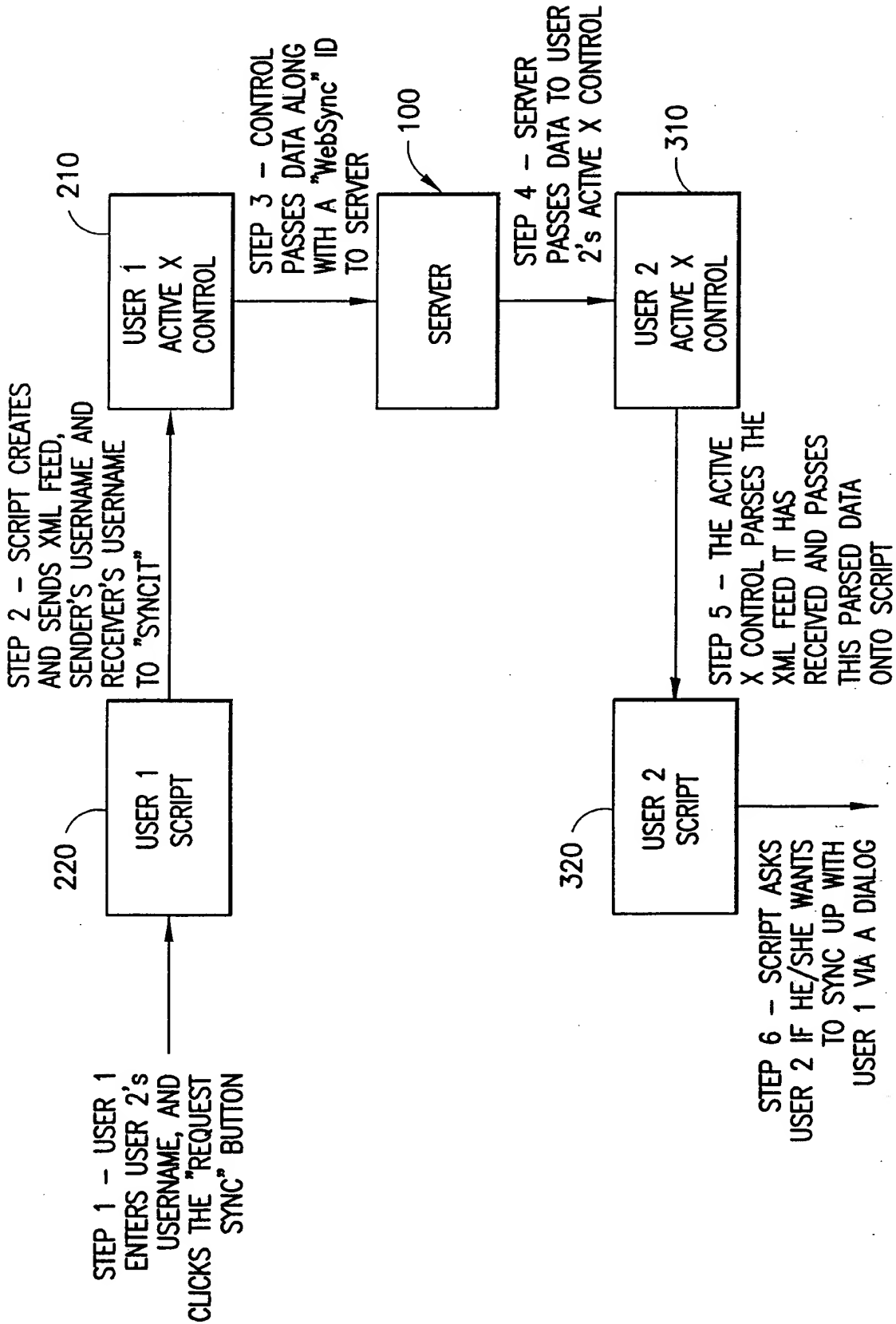


FIG.5

6/18

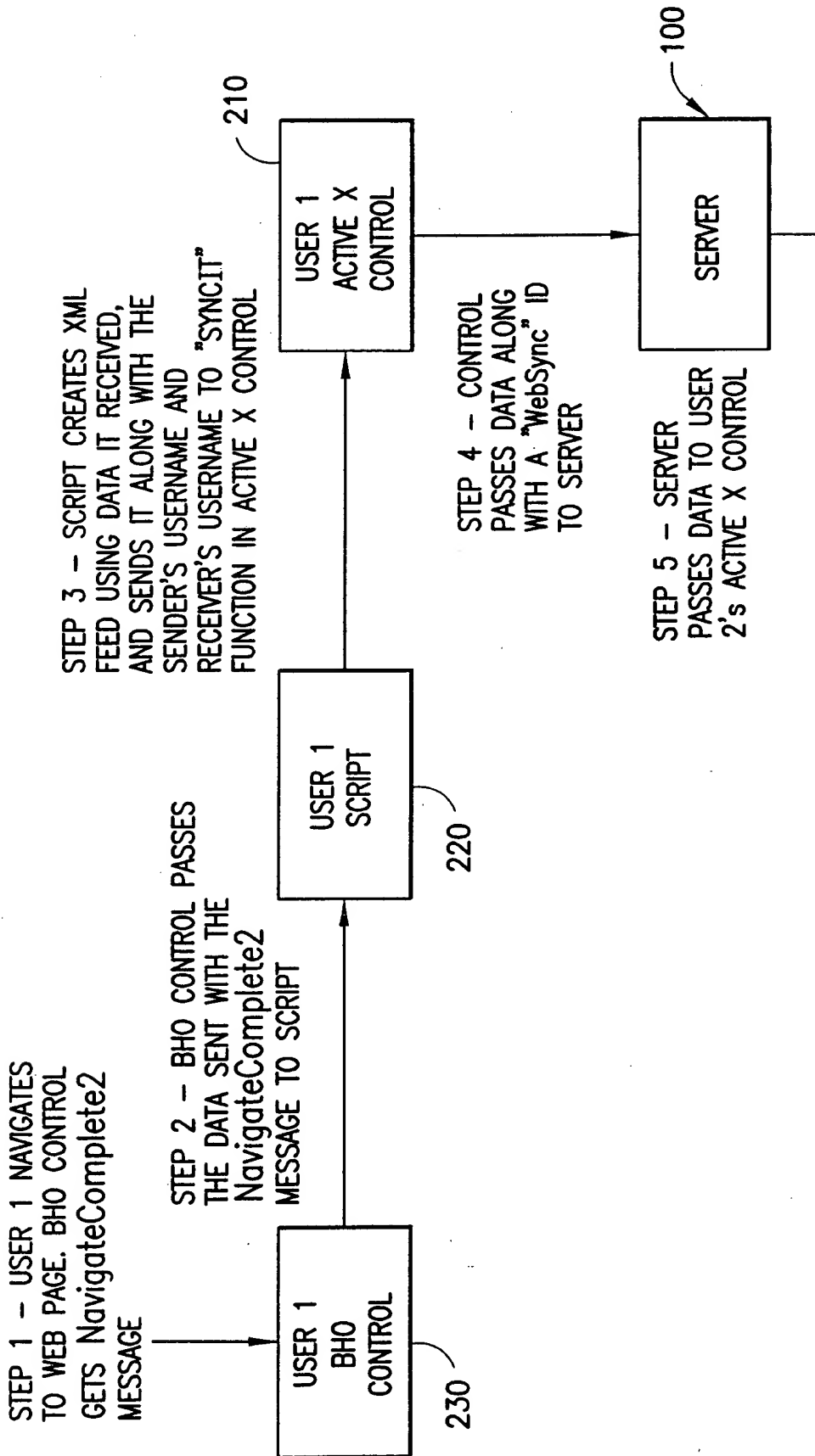


FIG. 6A

FIG. 6

FIG. 6A

FIG. 6B

7/18

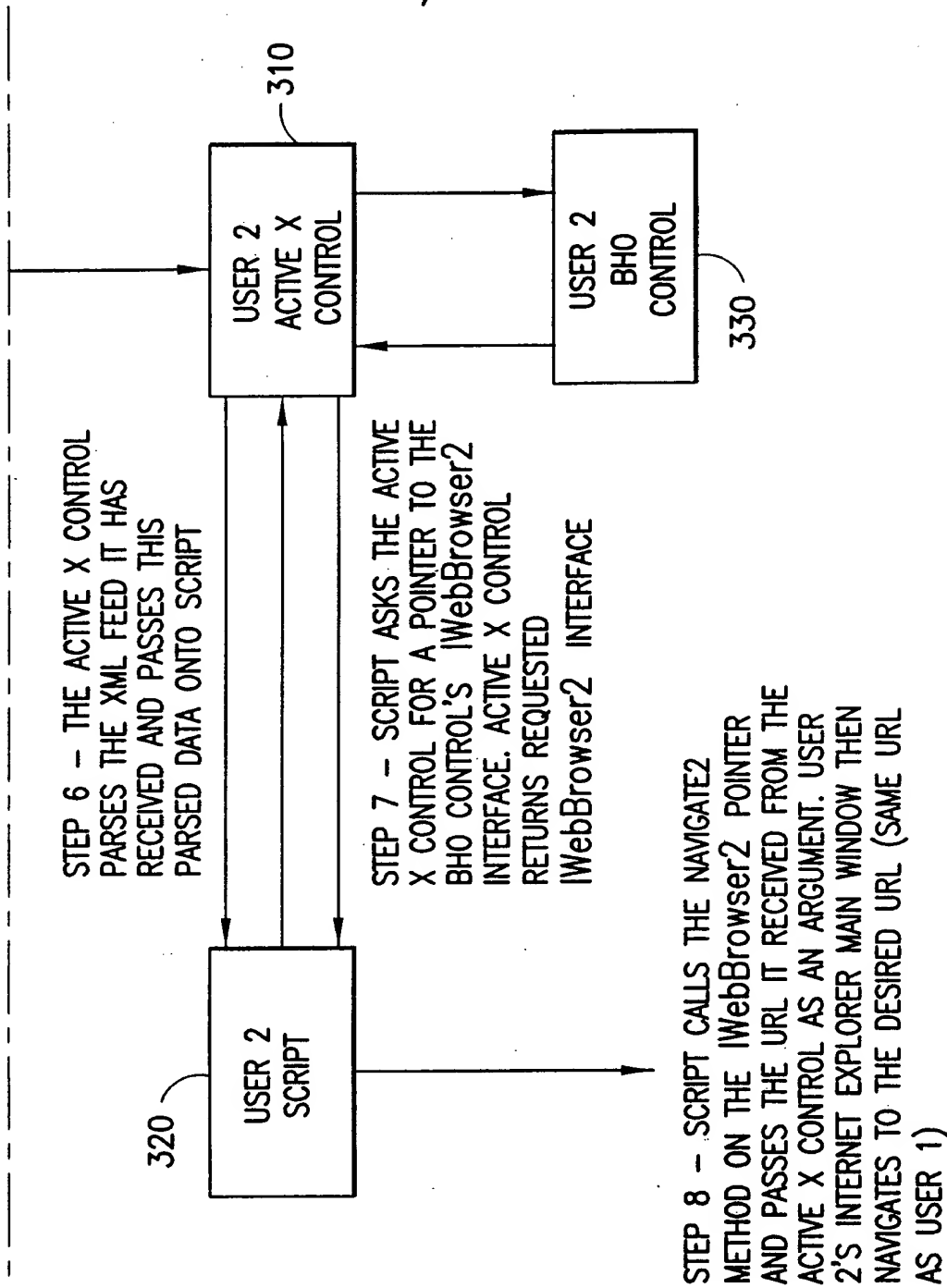
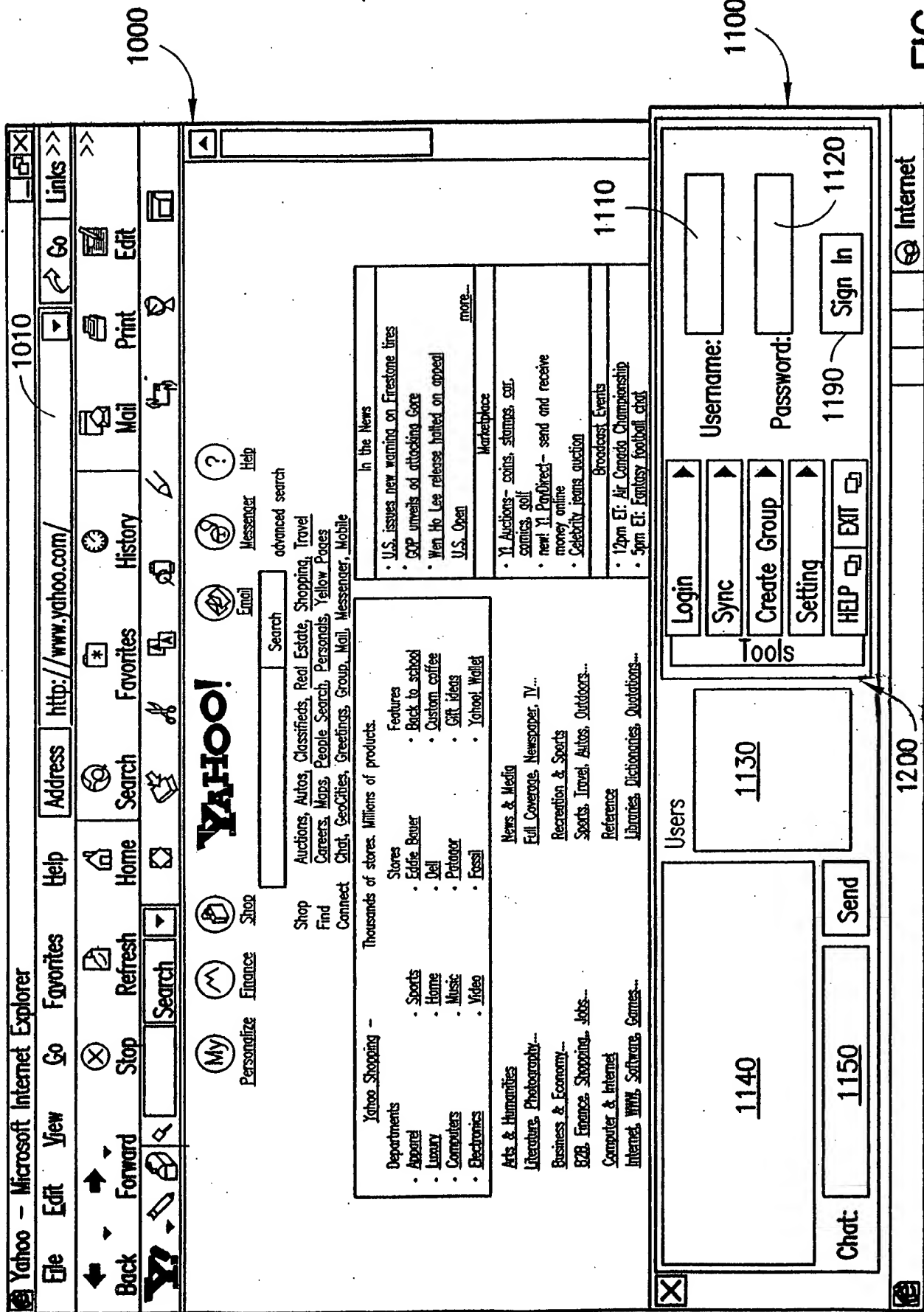


FIG. 6B

8/18



HTML PAGE-CONTAINS SCRIPTS, HTML AND INSTANCE OF WEB SYNC ACTIVE X CONTROL



9/18

<a href="#">. Coach</a> <a href="#">. 1-800-Flowers</a> <a href="#">. PhotoAlly.com</a>	<a href="#">. GOP unveils ad attacking Gore</a> <a href="#">. Y! Auctions Web Ho Lee release halted on appeal</a> <a href="#">. U.S. Open</a> <a href="#">more...</a>
<a href="#">News &amp; Media</a> <a href="#">Full Coverage, Newspapers, TV...</a> <a href="#">Recreation &amp; Sports</a> <a href="#">Sports, Travel, Autos, Outdoors...</a> <a href="#">Reference</a> <a href="#">Libraries, Dictionaries, Quotations...</a>	<a href="#">Marketplace</a> <a href="#">Y! Auctions- coins, stamps, car, comics, golf</a> <a href="#">new! Y! PayDirect- send and receive money online</a> <a href="#">Celebrity jeans auction</a> <a href="#">Broadcast Events</a> <a href="#">12pm ET: Air Canada Championship</a> <a href="#">5pm ET: Fantasy football chat</a>
<a href="#">Login</a> <a href="#">Sync</a> <a href="#">Create Group</a> <a href="#">Setting</a> <a href="#">HELP</a> <a href="#">EXIT</a>	<a href="#">Username: YahooHelper</a> <a href="#">Password: *****</a> <a href="#">Sign In</a>
<a href="#">end</a>	<a href="#">Internet</a>

FIG.8

10/18

<u>Yahoo Shopping</u> - Thousands of stores. Millions of products.		<u>In the News</u>	
<u>Departments</u>	<u>Stores</u>	<u>U.S. issues new warning on</u>	
<u>Apparel</u>	<u>Eddie Bauer</u>	<u>Firestone tires</u>	
<u>Luxury</u>	<u>Dell</u>	<u>GOP unveils ad attacking Gore</u>	
<u>Computers</u>	<u>Patagonia</u>	<u>Wen Ho Lee release halted on appeal</u>	
<u>Electronics</u>	<u>Fossil</u>	<u>U.S. Open</u>	
		<u>Marketplace</u>	
		<u>Y! Auctions- coins, cards, stamps, cars, comics, golf</u>	
		<u>new! Y! PayDirect- send and receive money online</u>	
		<u>Celebrity jeans auction</u>	
		<u>Broadcast Events</u>	
		<u>12pm ET: Air Canada Championship</u>	
		<u>5pm ET: Fantasy football chat</u>	

1300

OK

Yahoo Companion

You have been logged into WebSync

Departments

Apparel

Luxury

Computers

Electronics

Stores

Eddie Bauer

Dell

Patagonia

Fossil

Arts & Humanities

Literature, Photography...

Business & Economy...

Full Sports, B2B, Finance, Shopping,, Jobs...

Computers & Internet

Internet, WWW, Software, Games...

Recreation & Sports

Sports, Travel, Autos, Outdoors...

Reference

Libraries, Dictionaries, Quotations...

1140

Send

1130

Tools

Login

Sync

Create Group

Setting

HELP

EXIT

Users

1130

Username: YahooHelper

Password: \*\*\*\*\*

Sign In

FIG.9

1150

11/18

User 1

<p><u>News &amp; Media</u> Full Coverage, <u>Newspapers</u>, <u>TV...</u></p> <p><u>Recreation &amp; Sports</u> <u>Sports</u>, <u>Travel</u>, <u>Autos</u>, <u>Outdoors...</u></p> <p><u>Reference</u> <u>Libraries</u>, <u>Dictionaries</u>, <u>Quotations...</u></p>		<p><u>Marketplace</u></p> <p><u>Y! Auctions</u>— <u>coins</u>, <u>cards</u>, <u>stamps</u>, <u>cars</u>, <u>comics</u>, <u>golf</u></p> <p><u>new! Y! PayDirect</u>— send and receive money online</p> <p><u>Celebrity jeans auction</u></p>	
<p><u>es...</u></p>		<p><u>Broadcast Events</u></p> <p>. 12pm ET: <u>Air Canada Championship</u></p> <p>. 5pm ET: <u>Fantasy football chat</u></p>	

<p><u>Users</u></p>		<p><u>Tools</u></p>	
<p>Login</p>	<p>Sync</p>	<p>Create Group</p>	<p>Setting</p>
<p>HELP</p>	<p>EXIT</p>	<p>Receiver: TestYahoo</p>	<p>Request Sync</p>
<p>end</p>		<p>Break Sync</p>	<p>1160</p>
<p>2000/09/01/090100fantasy.html</p>		<p>1180</p>	<p>1170</p>

<p>Internet</p>	
-----------------	--

FIG.10A

12/18

User 2

u Aug 30	IND 31	PH Sep 11	SAT 2
<u>Giants</u>			
			en m
<u>Yankees - Full</u>			
			ms m
<u>Mariners</u>			<u>Minnesota</u>
<u>W 5-4</u>			1:0
<u>Giants</u>			
			<u>Arizona Ca</u>
			1:0
<u>Jets</u>			
			<u>at Gree</u>
			P
<u>Users</u>			
		<u>Login</u>	<u>Receiver</u>
		<u>Tol</u>	

1400

Microsoft Internet Explorer

Would you like to sync with YahooHelper?

1410 OK Cancel 1420

FIG.10B

13/18

1000

User 1 at http://www.yahoo.com

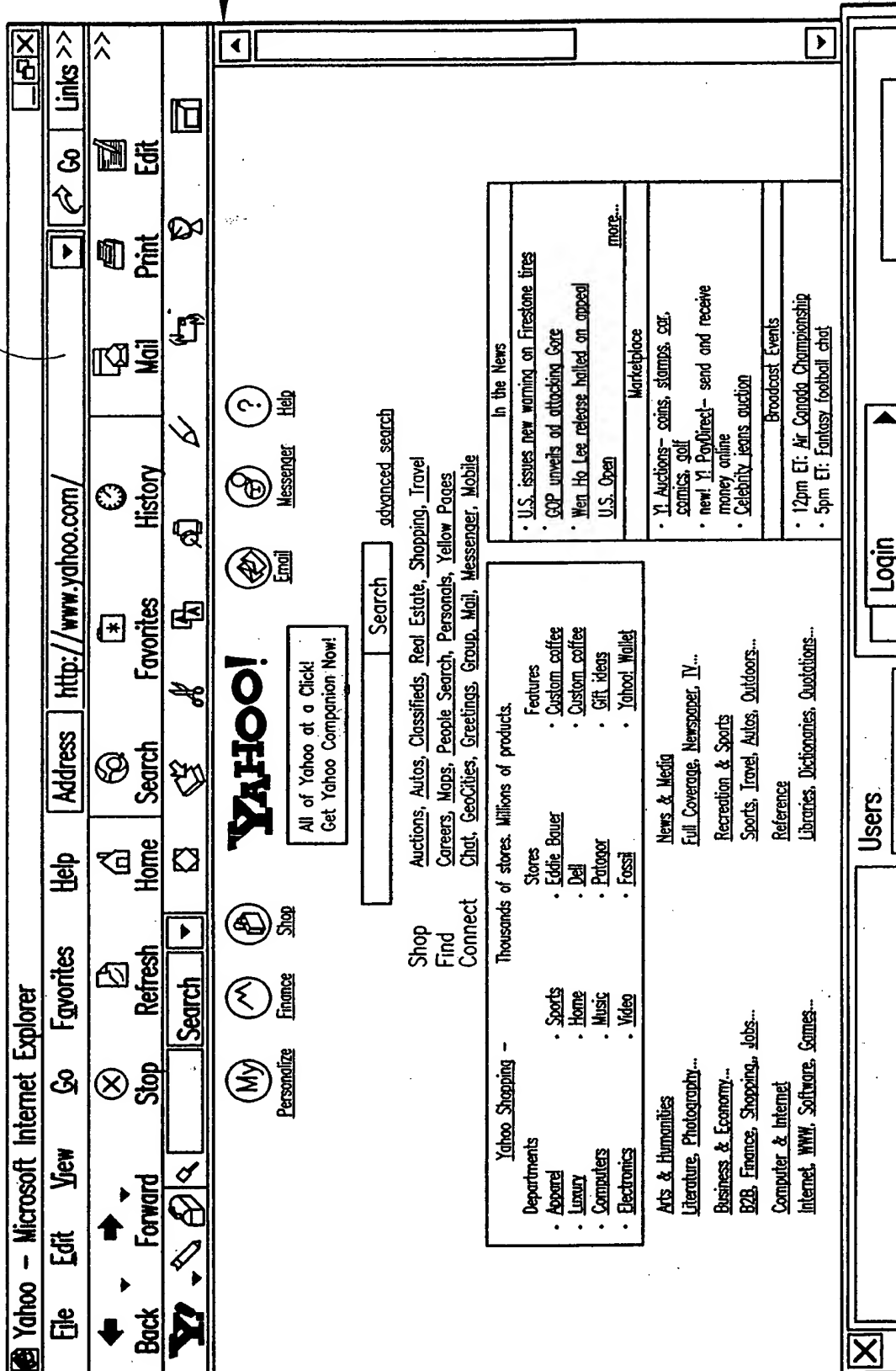


FIG.11A

1010



**FIG. 11B**

15/18

1000

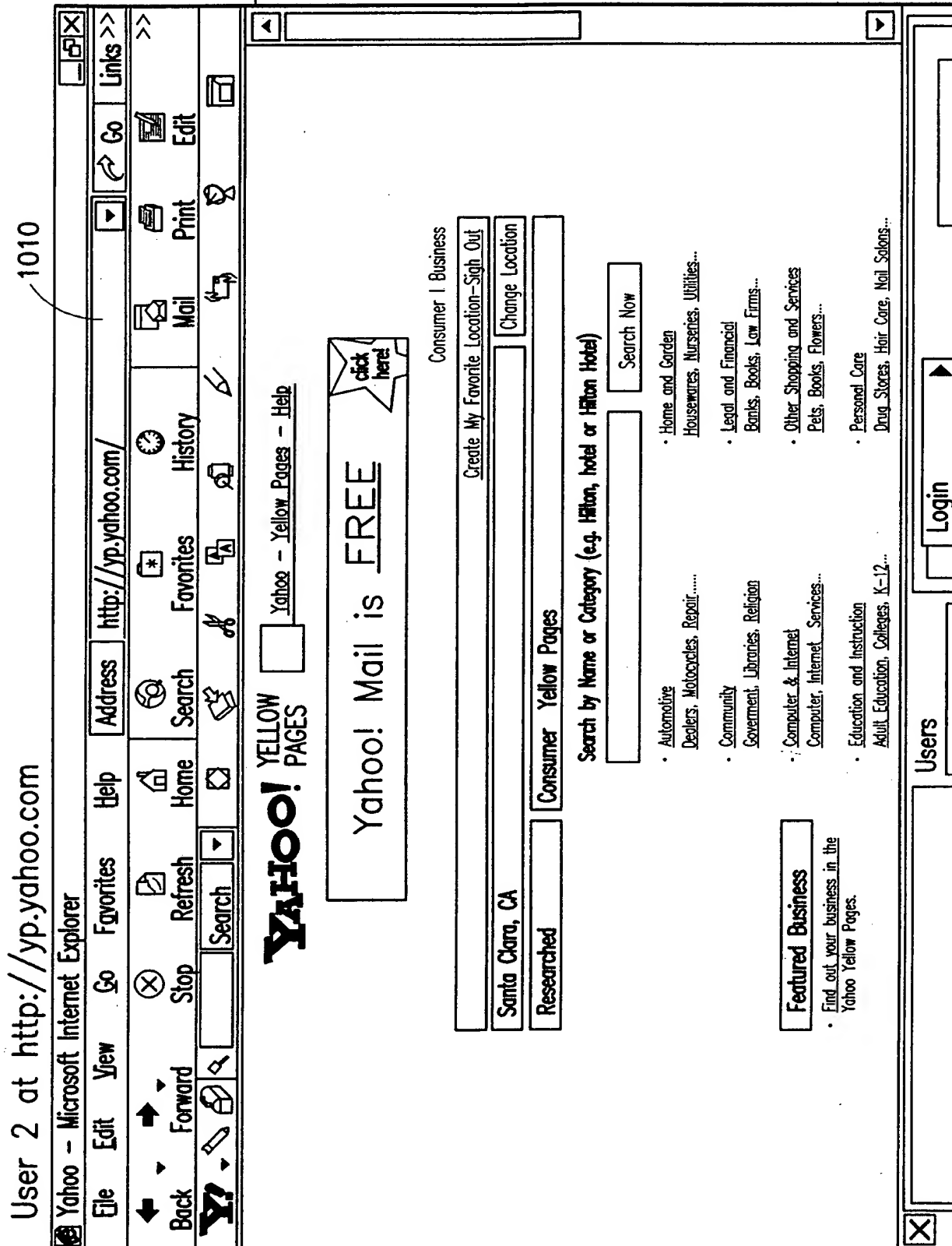


FIG.12A

16/18

1000

User 2 automatically navigates to <http://maps.yahoo.com>

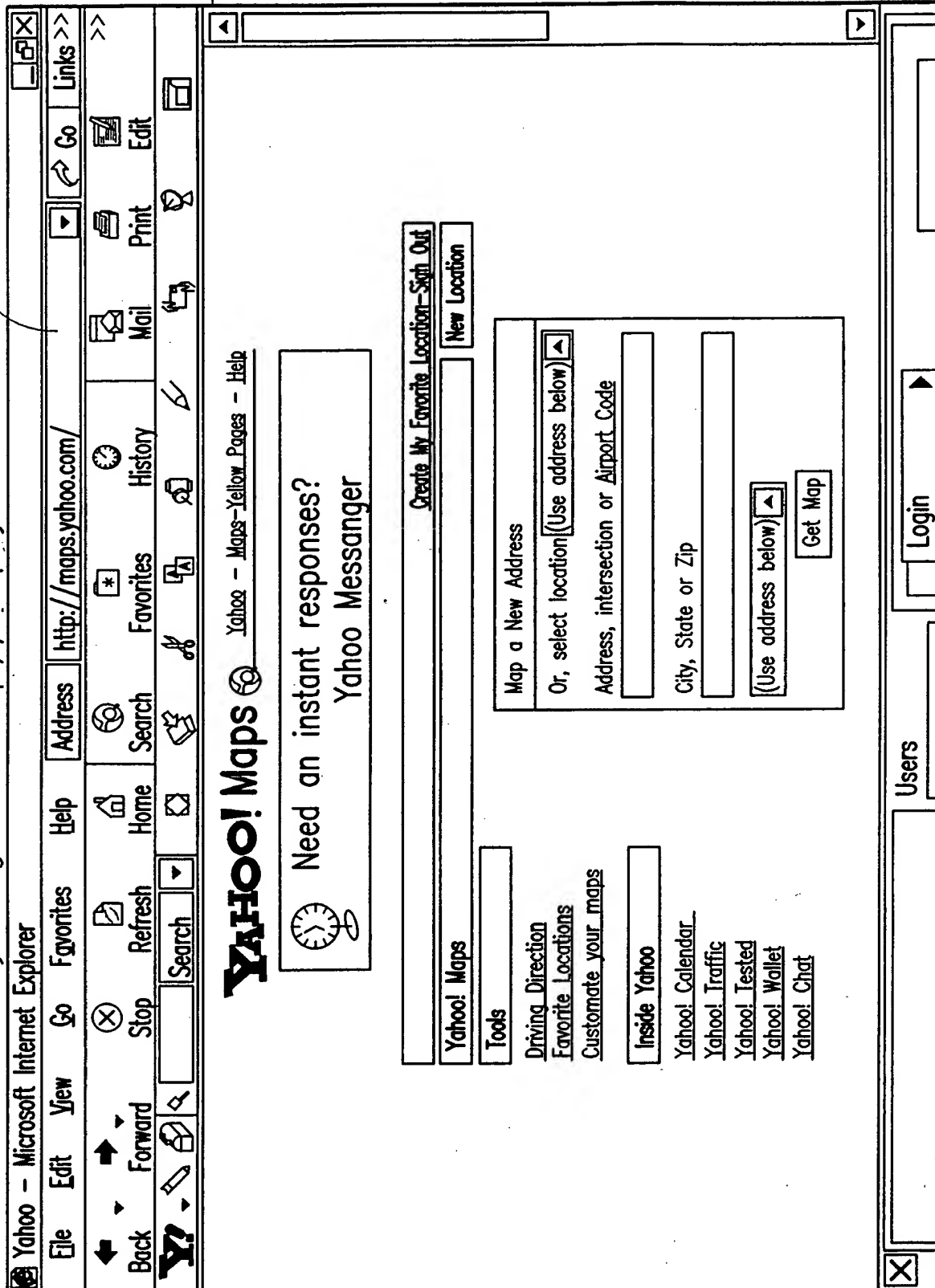


FIG. 12B



17/18

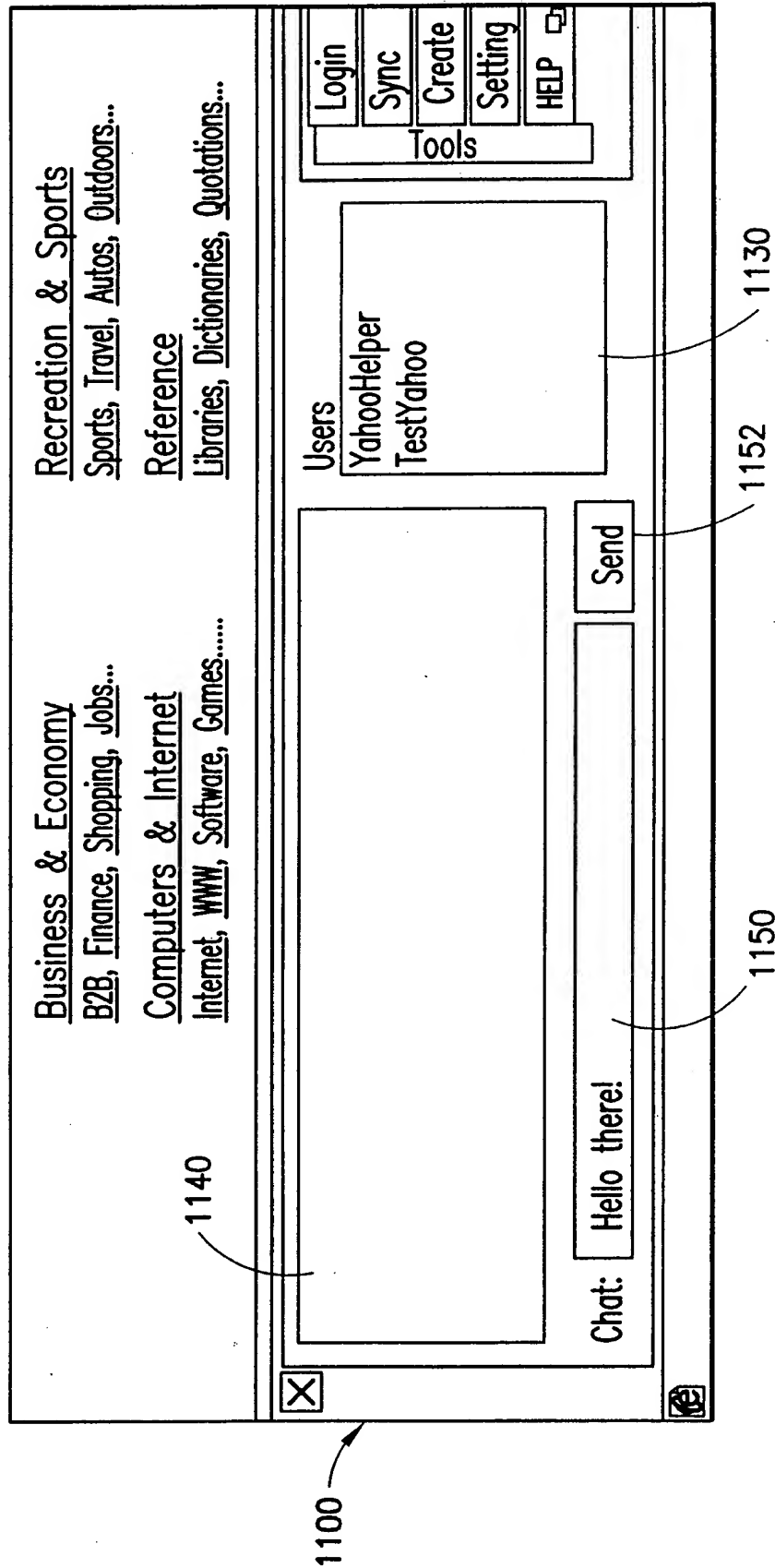


FIG. 13A

18/18

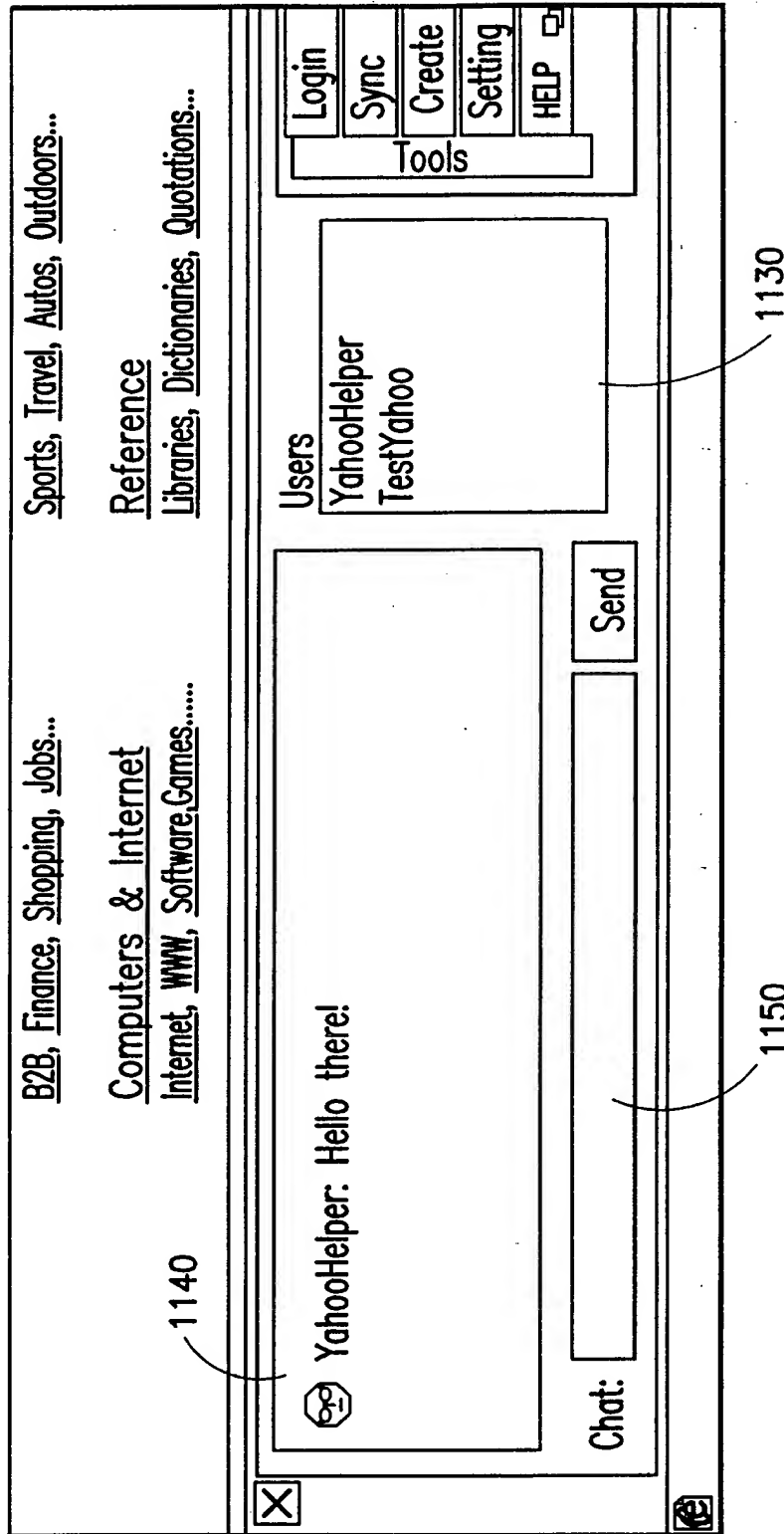


FIG.13B